

## TWO NEW BEES FROM NEW JERSEY.

BY T. D. A. COCKERELL, Boulder, Colo.

*Halictus floridanus caesareus* subs. nov.—♀. A little smaller; face and front dark blue, the clypeus shining; mesothorax blue-black, densely and finely punctured, dull; scutellum somewhat shining, purple-blue; area of metathorax blue-black; abdomen without metallic tints. As in *H. floridanus* Rob., the head is oval, with a narrow face, and the hind spurs have extraordinarily long spines.

*Hab.*—Ocean Grove, N. J., July 12, 1893; collector unknown. The name is derived from the ancient name of Jersey. This looks like a distinct species, but it agrees in structure with a specimen of *H. floridanus* received from Robertson, though the color is very different.

*Halictus oceanicus* sp. nov.—♀. Length about 6.5 mm.; robust, rather dark blue-green, with dull white hair; tegulae rufopiceous, well punctured on anterior half, rounded behind; wings hyaline, conspicuously suffused with reddish, stigma and nervures ferrugineous; areas of metathorax with very coarse rugae; posterior truncation very sharply margined; abdomen dark green, shining, polished, hind margins of segments suffusedly reddish, fourth segment rather thinly covered with white hair; hind spur with long spines. Closely related to *H. nymphæarum* Rob., but differing thus: Areas of metathorax with fewer rugae, wings reddish, abdomen strongly metallic; both head and thorax distinctly narrower. It is, perhaps, a subspecies of *nymphæarum*, but if so a very distinct one.

*Hab.*—Ocean Grove, N. J., July 12, 1893; collector unknown.

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## THE GENUS PLEOCOMA.

BY ALONZO DAVIS, Pasadena, Cal.\*

This genus, in all its members, is very rare and also very peculiar. Their mouth parts are quite undeveloped and they can take no nourishment, so consequently they live but a few days. After the first rain of the year that soaks down into the ground far enough to loosen the earth where they are, the beetles come to the surface. The males come out and fly but

\* This paper was submitted by the writer as a composition in the regular course of grammar-school work. The writer is one of the phalanx of youths who support the three active natural history societies of the vicinity and gather to the aid of the entomological department of the Southwest Museum of Los Angeles.